

Information Products Bulletin

August 2006

Significant Information Products Under Development or Modification

The Information Products Bulletin (IPB) is a joint effort between the U.S. Environmental Protection Agency (EPA) and the Environmental Council of the States (ECOS) to inform the public about "*significant information products*" being developed by EPA and some states, and identify opportunities for stakeholder and public involvement. "*Significant information products*" include products under development or modification by EPA and states, that use national or regional data to describe environmental conditions, trends, and/or the performance of companies, facilities and communities. Each of the product descriptions below includes a list of the stakeholder and public involvement activities that are expected to be available during product development. It should be noted that not all products provide an opportunity for stakeholder or public input during product development. Examples of such products are those produced on a routine or annual basis, or those that are technical, science-based documents that undergo a rigorous peer review process.

Specific information regarding dates for public meetings, workshops, forums, etc. may be obtained about individual products by contacting the number listed under each product description.

Please Note: The IPB is not intended to be a compilation of all EPA and State information products, only "*significant information products*" currently in the pipeline. Expected release dates are the best estimates to date; schedules are subject to change.

Products Under Development

Air

Progress in Reducing the Risk from Radon in America's Homes

Federal vs. State: Federal

Description: This report will present data on the scope of the radon risk in homes, the use of residential radon mitigation systems in existing homes, and the use of radon resistant construction in new homes. The intended audience includes members of the radon mitigation industry and the construction industry, as well as federal, state, and local government officials in the radon field.

Contact Information:

- **AAship:** Office of Air and Radiation

- **EPA Office/Organization:** OAR-ORIA-IED-CR&AT (Indoor Environments Division, Center for Radon & Air Toxics)

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder or expert consultation, Survey (s)/Questionnaire(s)

How to Access Draft Product: No URL Available

Cross-Media

2007 EPA Report on the Environment: Public Document

Federal vs. State: Federal

Description: EPA's Report on the Environment will describe national environmental conditions and trends. EPA received feedback about the 2003 Draft Report on the Environment and is applying this feedback to the 2007 Public Document to ensure that it is useful to citizens who are interested in environmental information. EPA also is developing the 2007 EPA Report on the Environment: Technical Document, which will provide more detail about indicators and identify data gaps. The point of contact for the Technical Document is Denice Shaw (202-564-3234) in the Office of Research and Development. The electronic Report on the Environment (e-ROE) will be a Web site about environmental indicators for many audiences, including concerned citizens, students, teachers, scientists, and public health and environmental stakeholders.

Contact Information:

- **AAship:** Office of Environmental Information

- **Co-Developer:** Office of Research and Development

- **EPA Office/Organization:** Office of Environmental Information/Office of Information Analysis and Access

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Comment Period: December 05, 2006 - January 20, 2007

Stakeholder/Public Involvement Method(s): Public meeting(s), Stakeholder meeting(s), Forum (s)/Workshop(s), Focus group(s), Stakeholder or expert consultation, E-mail/Listserv, Web site/Web page, Information fact sheet(s) and other similar materials, Mailing to stakeholders

How to Access Draft Product: www.epa.gov/indicators

America's Children and the Environment

Federal vs. State: Federal

Description: EPA's America's Children and the Environment (ACE) report and web site provide information on trends in environmental factors related to the health and well-being of children in the United States. EPA has produced two reports; planning for a third phase of this work is underway. Changes to the web site are expected in the summer of 2006 and will focus on updating previously reported indicators on trends in: (1) levels of environmental contaminants in air, water, food and soil; (2) concentrations of contaminants measured in bodies of children and women; and (3) childhood illnesses that may be influenced by exposures to environmental contaminants. ACE is a joint effort of EPA's Office of Children's Health Protection and Environmental Education (OCHPEE) and Office of Policy, Economics and Innovation (OPEI). The OCHPEE point of contact is Devon Payne-Sturges (202 564-2706 or payne-sturges.devon@epa.gov) and the OPEI point of contact is Daniel Axelrad (202-566-2304 or axelrad.daniel@epa.gov).

Contact Information:

- **AAship:** Office of Policy, Economics, and Innovation

- **Co-Developer:** Office of Children's Health Protection

- **EPA Office/Organization:** Office of Policy, Economics and Innovation

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Forum(s)/Workshop(s), Stakeholder or expert consultation, E-mail/Listserv, Web site/Web page, Information fact sheet(s) and other similar materials, Mailing to stakeholders, Other

How to Access Draft Product: www.epa.gov/envirohealth/children/index.htm

EPA Partnership Programs Accomplishment Report

Federal vs. State: Federal

Description: This report will look at the results of the EPA Partnership Programs as a whole and what they have contributed to the Agency's mission of protecting human health and the environment. It will highlight the accomplishments of these programs over the last several years.

Contact Information:

- **AAship:** Office of Policy, Economics, and Innovation

- EPA Office/Organization: National Center for Environmental Innovation

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Web site/Web page, Information fact sheet(s) and other similar materials

How to Access Draft Product: No URL Available

Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories, Vol 4: Risk Communication, 2nd Edition

Federal vs. State: Federal

Description: This document is one of a series of national guidance documents that provides states, tribes and others with cost-effective, scientifically sound methods and protocols for developing and managing local fish consumption advisories caused by the occurrence of bioaccumulative pollutants in noncommercial fish and wildlife. The guidance is developed cooperatively with state and tribal advisory programs and is used by local governmental health and environment agencies issuing fish consumption advisories.

Contact Information:

- AAship: Office of Water

- EPA Office/Organization: Office of Water/Office of Science and Technology

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Forum(s)/Workshop(s), Stakeholder or expert consultation, Web site/Web page, Mailing to stakeholders

How to Access Draft Product: www.epa.gov/waterscience/fish/

Survey Management Handbook

Federal vs. State: Federal

Description: The Survey Management Handbook provides guidance on the conduct, design and analysis of environmental surveys. The Handbook is written for use by both statisticians and non-statisticians and provides practical advice on many aspects of survey research. The Handbook and the Guide to Secondary Information Products are the first in a number of OEI information publications that will provide guidance in developing quality information products.

Contact Information:

- AAship: Office of Environmental Information

- EPA Office/Organization: Office of Environmental Information/Office of Information Analysis and Access

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder or expert consultation, E-mail/Listserv

How to Access Draft Product: No URL Available

The Pollution Abatement Costs and Expenditures Survey (PACE)

Federal vs. State: Federal

Description: The Pollution Abatement Costs and Expenditures (PACE) Survey collects data on the overall costs of complying with environmental regulations for U.S. manufacturing facilities. More specifically, the PACE survey collects data on the costs of pollution treatment (i.e., end-of-pipe controls), pollution prevention (i.e., production process enhancements to reduce pollution), disposal, and recycling. The PACE survey was conducted by the U.S. Census Bureau from 1973-1994 (except 1987) on a sample of approximately 20,000 manufacturing establishments. EPA funded the collection of the 1999 PACE data and has recently completed the redevelopment of the survey instrument to be administered by the Census Bureau in 2006 to collect 2005 data. Aggregate statistics for 2005 PACE Survey will be reported by two to six digit NAICS (North American Industry Classification System) codes, by abatement method (treatment versus prevention), media (air, water, solid waste), type of cost

(capital versus operating), and state.

Contact Information:

- **AAship:** Office of Policy, Economics, and Innovation

- **EPA Office/Organization:** Office of Policy, Economics, and Innovation/National Center for Environmental Economics

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Stakeholder or expert consultation, Survey(s)/Questionnaire(s), Federal Register notice, Other

How to Access Draft Product: No URL Available

Pesticides

Meso-scale Atmospheric Transport Model

Federal vs. State: Federal

Description: EPA is working with the United States Department of Agriculture - Forest Service, Department of Energy, and Department of Defense to develop a Geographic Information System-based complex terrain atmospheric transport model. This model will help the Pesticides Office estimate deposition and airborne concentrations of pesticides 1 to 100km downwind from small or large application areas.

Contact Information:

- **AAship:** Office of Prevention, Pesticides, and Toxic Substances/Office of Pesticide Programs

- **Co-Developer:** Office of Research and Development

- **EPA Office/Organization:** Office of Prevention, Pesticides, and Toxic Substances/Office of Pesticide Programs

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Stakeholder or expert consultation

How to Access Draft Product: No URL Available

Model Development for FQPA Drinking Water Exposure Assessment

Federal vs. State: Federal

Description: In October 2000, EPA, U.S. Geological Survey, and the Department of Agriculture formed an Inter-Governmental Food Quality Protection Act (FQPA) Drinking Water Steering Committee to oversee the development and validation of reliable models that can be used to more accurately predict the concentrations of pesticides at individual drinking water intakes. CropLife America, representing regulated industry, and the American Water Works Association also sit on the committee as observers. In this five-year initiative, the three federal agencies will design and conduct water monitoring studies throughout the United States and use the information from these studies to validate drinking water models at the water utility level. After the validated models are in place, the Agency will use them in acute, chronic and cancer aggregate and cumulative human health risk assessments for pesticides and in risk management decision-making. A one year phase 1 monitoring study at 5 selected sites was completed in 2003. The sampling for a phase 2 monitoring study at 6 more sites started on April 19, 2004 and has also been completed. The data from these monitoring studies will be used to validate the WARP model.

Contact Information:

- **AAship:** Office of Prevention, Pesticides, and Toxic Substances/Office of Pesticide Programs

- **EPA Office/Organization:** Office of Prevention, Pesticides, and Toxics/Office of Pesticide Programs
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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder or expert consultation

How to Access Draft Product: No URL Available

Tier II Groundwater Model for Carbamate Cumulative

Federal vs. State: Federal

Description: EPA is developing a Tier II Groundwater Model that will generate refined estimations of concentrations of pesticides in groundwater for the carbamate cumulative risk assessment. The Agency is working with USGS to evaluate existing vadose-zone models that can be adapted for use in this risk assessment. The three models that have been evaluated include PRZM, RZWQM, and LEACHMP. The preliminary evaluation of these models was completed and included in the Agency's cumulative carbamate assessment. In August 2005, the Scientific Advisory Panel reviewed the Agency's preliminary carbamate cumulative risk assessment and provided comments. The final evaluation for the Tier II ground water model used in the carbamate cumulative is expected to be completed in the Fall of 2006.

Contact Information:

- **AAship:** Office of Prevention, Pesticides, and Toxic Substances/Office of Pesticide Programs

- **EPA Office/Organization:** Office of Prevention, Pesticides and Toxic Substances/Office of Pesticide Programs, Office of Prevention, Pesticides and Toxic Substances/Office of Pesticide Programs
Michael Barrett, 703-305-6391, 703-305-6309(FAX), barrett.michael@epa.gov

Comment Period: February 15, 2005 - February 18, 2005

Stakeholder/Public Involvement Method(s): Public meeting(s), Federal Register notice, E-mail/Listserv, Web site/Web page

How to Access Draft Product: www.epa.gov/scipoly/sap

Solid Waste and Emergency Response

MSW in the U.S.: Facts and Figures

Federal vs. State: Federal

Description: Each year EPA publishes a comprehensive report on the quantity, composition, and management practices of Municipal Solid Waste (MSW) generated in the United States. The data is based on a model that tracks consumption of materials in the manufacture of consumer goods and products. Data is broken down by material (paper, glass, steel, etc.) and product (newspapers, corrugated cardboard, beverage containers, etc.) and reported in terms of amount generated, recycled, and disposed.

Contact Information:

- **AAship:** Office of Solid Waste and Emergency Response

- **EPA Office/Organization:** Office of Solid Waste and Emergency Response/Office of Solid Waste
Hope Pillsbury, 703-308-7258, 703-308-8686(FAX), pillsbury.hope@epa.gov

Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder or expert consultation

How to Access Draft Product: www.epa.gov/msw/

Toxic Substances

Internet Geographical Exposure Modeling System (IGEMS)

Federal vs. State: Federal

Description: The Internet Geographical Exposure Modeling System (IGEMS), currently under development, is a modernization of several older stand-alone models. IGEMS brings together in one system several EPA environmental fate and transport models and some of the environmental data needed to run them. It also uses graphing and Geographic Information System (GIS) capabilities. IGEMS will eventually include models and data for ambient air, surface water, soil and ground water. Interactive menus guide users through selecting models, selecting and organizing data to be used as input to model runs, executing model runs, presenting model outputs, and accessing user help. With the IGEMS graphical and GIS capabilities, users can view the results as isopleths, vectors, etc., and as geographic presentations, including overlays with population and geographic location. The beta test version of IGEMS is available; the final release date will be determined after peer review.

Contact Information:

- **AAship:** Office of Prevention, Pesticides, and Toxic Substances/ Office of Pollution Prevention and Toxics

- **EPA Office/Organization:** Office of Prevention, Pesticides and Toxic Substances/Office of Pollution Prevention and Toxics

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Comment Period: January 01, 2007 - December 31, 2007

Stakeholder/Public Involvement Method(s): Forum(s)/Workshop(s), Web site/Web page, Information fact sheet(s) and other similar materials

How to Access Draft Product: www.epa.gov/oppt/exposure/pubs/gems.htm

Water

Clean Water Needs Survey Database

Federal vs. State: Federal

Description: EPA is moving the current Clean Water Needs Survey data entry system to the Internet between now and 2008. Moving the system to the internet will provide easier access by States for data entry, as well as extend data entry capabilities to facilities and local communities. Development of the internet-based data entry system, which began in September of 2005, will be guided by a steering group composed of representatives from EPA, States, and Local Communities. Interested parties should contact Michael Plastino, CWNS Team Leader.

Contact Information:

- **AAship:** Office of Water

- **EPA Office/Organization:** Office of Wastewater Management

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Comment Period: None available

Stakeholder/Public Involvement Method(s): E-mail/Listserv, Web site/Web page

How to Access Draft Product: No URL Available

National Study of Chemical Residues in Lake Fish Tissue Final Report

Federal vs. State: Federal

Description: The National Study of Chemical Residues in Lake Fish Tissue is the largest national freshwater fish contamination survey EPA has conducted to date, and it is the first national fish contamination study with sampling sites selected according to a statistical design. Over a period of 4 years (2000-2003), fish were collected from 500 lakes and reservoirs in the lower 48 states. The fish samples (one predator composite and one bottom dweller composite from each site) were analyzed for 268 persistent, bioaccumulative, and toxic (PBT) chemicals, and the results used to develop national estimates of mean concentrations of these chemicals in fish. The statistical design of the study also provides the basis for estimating the percentage of lakes and reservoirs across the country with fish tissue concentrations above or below levels of concern for human or ecosystem health. The final report will summarize the sampling design and present the statistical analysis of the cumulative 4-year fish contamination data set.

Contact Information:

- **AAship:** Office of Water

- **EPA Office/Organization:** Office of Water/Office of Science and Technology

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Forum(s)/Workshop(s), Stakeholder or expert consultation

How to Access Draft Product: www.epa.gov/waterscience/fishstudy/

Nonpoint Source Outreach Digital Toolbox

Federal vs. State: Federal

Description: The Nonpoint Source (NPS) Outreach Digital Toolbox will contain a searchable catalog of sample NPS outreach and educational materials in the form of existing TV, radio, and print public service announcements (PSAs) in digital formats; slogans, logos, and mascots; and featured PSAs. It will also include surveys on NPS awareness and evaluations of the effectiveness of real-world NPS mass media campaigns, and a "how to" guide for conducting watershed outreach campaigns to improve water quality. The Toolbox will be released as a Web site and a CD-ROM. It will focus on providing tools and resources to reach the general public with sound NPS messages regarding the following categories of personal stewardship: general storm water and storm drain awareness; lawn and garden care; motor vehicle care; pet care; septic system care; and household chemicals and waste.

Contact Information:

- **AAship:** Office of Water

- **EPA Office/Organization:** Office of Water/Office of Wetlands, Oceans, and Watersheds

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Comment Period: May 01, 2005 - March 31, 2006

Stakeholder/Public Involvement Method(s): Forum(s)/Workshop(s), Focus group(s), E-mail/Listserv, Web site/Web page, Mailing to stakeholders

How to Access Draft Product: www.epa.gov/nps/toolbox

Products Undergoing Significant Revisions and/or Products that are Released on a Regular Basis

Cross-Media

Bio-reactor Landfill State of the Practice Report

Federal vs. State: Federal

Description: EPA has developed and is in the process of publishing a report documenting the current practice of operating municipal sanitary landfills as bio-reactors. A bio-reactor landfill is one in which liquids are introduced to accelerate the microbial degradation of the waste. This is a relatively new concept that is being tested in a number of facilities around the country. The advantages of accelerating degradation include increased opportunity to recover useful gas, reduced period of time needed to provide leachate and other environmental controls, increased disposal capacity, and earlier achievement of site stability. This study describes current technical practices, operating experiences, and environmental impacts. For further information, please contact Thabet Tolaymat (information listed below), or Jennifer Goetz at goetz.jennifer@epa.gov or 513-569-7899.

Contact Information:

- **AAship:** Office of Research and Development

- **Co-Developer:** Office of Solid Waste and Emergency Response

- **EPA Office/Organization:** Office of Research and Development/National Risk Management Research Laboratory

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Forum(s)/Workshop(s), Stakeholder or expert consultation, Survey(s)/Questionnaire(s)

How to Access Draft Product: No URL Available

Enforcement and Compliance

OECA Accomplishments Report: Working with our Partners and the Public to Help Protect the Environment.

Federal vs. State: Federal

Description: This annual report summarizes EPA's enforcement and compliance assurance accomplishments as of the end of fiscal year 2006. In addition, it includes other highlights since the last accomplishments report in fiscal year 2002 and in the context of the program's decade of existence. The report outlines enforcement and compliance assistance actions in priority areas and sectors, as well as in important program areas such as environmental justice.

Contact Information:

- **AAship:** Office of Enforcement and Compliance Assurance

- **EPA Office/Organization:** Office of Enforcement and Compliance Assurance/Office of Planning, Policy Analysis and Communications

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Comment Period: None available

Stakeholder/Public Involvement Method(s): None

How to Access Draft Product: www.epa.gov/compliance

Solid Waste and Emergency Response

Priority Chemicals Trends Report (2000-2004)

Federal vs. State: Federal

Description: This report tracks progress being made toward the EPA OSW goal, under the Government Performance and Results Act (GPRA), to reduce the quantity of priority chemicals contained in wastes, by 10 percent, using a 2001 baseline. The Trends Report also shows trends from 2000-2004, concerning the generation and management of the Priority Chemicals by National, EPA Region, State, and industry sector, and federal facility levels. This update of the Trends Report, for the first time, specifically presents the generation and management trends for the priority chemicals at Federal facilities. This update of the Trends Report, for the first time, also will present the generation and management trends for the Priority Chemicals within selected industry sectors. EPA annually updates this report, using the most recent Toxics Release Inventory (TRI) data available to examine waste generation and management trends for the priority chemicals. We also plan to provide data, derived from the 2001 and 2003 Hazardous Waste Biennial Reports (BR), concerning quantities of Priority Chemicals estimated to be contained in hazardous waste streams for certain industry sectors. The Trends Report and associated facility-specific data are only accessible at the website indicated below.

Contact Information:

- **AAship:** Office of Solid Waste and Emergency Response

- **EPA Office/Organization:** Office of Solid Waste and Emergency Response/Office of Solid Waste, Office of Solid Waste and Emergency Response/Office of Solid Waste
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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Web site/Web page

How to Access Draft Product: www.epa.gov/epaoswer/hazwaste/minimize/trends.htm

Water

Clean Watersheds Needs Survey 2004 Report to Congress

Federal vs. State: Federal

Description: The 'Clean Watersheds Needs Survey (CWNS) 2004 Report to Congress' will present the results of a joint EPA-State survey of water quality programs and projects that may be eligible for funding under the Clean Water State Revolving Fund (CWSRF). EPA prepares this report in response to section 516 of the Clean Water Act. This will be the fourteenth survey/report since 1972. The CWNS is a collaborative effort between the States and EPA. States entered data into the CWNS database during a 10-month period between May 2004 and February 2005. States obtained the necessary information from a variety of sources. State-entered data is being reviewed and analyzed in accordance with agreed-upon criteria before being accepted for inclusion in the main body of the report. State-

reported needs that did not meet the criteria are reported separately as Separate State Estimates. For the purpose of CWNS 2004 a 'need' is defined as a water quality or public health problem and an associated cost that is generally eligible for funding under the CWSRF. The need had to exist on January 1, 2004, and be supported by documentation that the States and EPA agreed upon before the survey was initiated. Lacking sufficient documentation of some cost information, EPA embedded cost curves into the CWNS data entry system to enable States to estimate costs for documented needs. In addition to need and cost information, the report will summarize and report technical data, such as population, flow, and effluent quality.

Contact Information:

- **AAship:** Office of Water

- **EPA Office/Organization:** Office of Water/Office of Wastewater Management

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Comment Period: None available

Stakeholder/Public Involvement Method(s): Stakeholder meeting(s), Stakeholder or expert consultation, Survey(s)/Questionnaire(s)

How to Access Draft Product: www.epa.gov/owm